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DERWENT-WEEK: 199037

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**TITLE: Magnetic book mark - has permanent magnet and
keeper placed on opposite
sides of page**

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PATENT-ASSIGNEE: DANIELL J M[DANII]

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APPLICATION-DATA:

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INT-CL_(IPC): B42D009/00

ABSTRACTED-PUB-NO: AU 9047866A

BASIC-ABSTRACT: The permanent magnet may be positioned flatly against one side of a page of a book and the keeper positioned flatly against one side of a page of a book and the keeper positioned flatly against the other side of the same page in at least partly overlapping relationship with the magnet. The magnetic attraction between the magnet and the keeper causes them to press against the page sandwiched between them, and thus, the book-mark is frictionally retained in place.

The keeper is itself a permanent magnet having a pole pattern complementary to that of the magnet.

ADVANTAGE - Reduced risk of losing bookmark.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS:

**MAGNETIC BOOK MARK PERMANENT MAGNET KEEPER
PLACE OPPOSED SIDE PAGE**

DERWENT-CLASS: P76

SECONDARY-ACC-NO:

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MAGNETIC BOOK-MARKER
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- (56) Prior Art Documents
US 4137863
EP 253369
US 4041892
- (57) Claim

1. A book-mark comprising a laminar, permanent magnet, a laminar keeper and compliant coupling means to physically secure the magnet and keeper together but which allow sufficient movement of the coupled magnet and keeper to permit them to be separated by hand and to be applied in overlapping relationship flatly against the opposite sides of a page disposed between them.



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Form 10

COMPLETE SPECIFICATION

(ORIGINAL)

FOR OFFICE USE

Class

Int. Class

Application Number:
Lodged:

Complete Specification—Lodged:
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TO BE COMPLETED BY APPLICANT

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Complete Specification for the invention entitled: "MAGNETIC BOOK-MARKER"

The following statement is a full description of this invention, including the best method of performing it known to me:—

Complete after provisional PJ 2281 dated 16/1/89

This invention relates to book-marks, that is to say items intended to be inserted between adjacent pages of a book to indicate a position in the book for future reference.

5 Conventionally, book-marks comprise a slip of sheet material, for example, light card-board or the like. Such prior known book-marks are deficient, in that they easily slip from between the pages when the book is being handled, which defeats their purpose.

10 Book-marks comprising a ribbon permanently bound into the spine of a book are also well known, but these are expensive and are usually only found in high quality reference works or the like. They are, of course, not transferable from book to book as may be needed.

15 Therefore an object of the present invention is to provide a book-mark which is readily transferable from book to book, which may be used without in any way damaging the book, but which is more securely held in place than conventional book-marks.

20 The invention consists in a book-mark comprising a laminar, permanent magnet, a laminar keeper and compliant coupling means joining said permanent magnet and keeper together.

25 In use, the permanent magnet may be positioned flatly against one side of a page of a book and the keeper positioned flatly against the other side of the same page in at least partly overlapping relationship with the magnet. The magnetic attraction between the magnet and the keeper causes them to press against the page sandwiched between them, and thus, the book-mark is frictionally retained in place. In preferred embodiments the keeper is itself a permanent magnet having a pole pattern complementary to that of the magnet. That is to say, such

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that the magnets may be overlapped with, in the overlapping area, the north pole or poles of each magnet in register with the south pole or poles of the other, to increase the magnetic attraction between the two components.

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The term "compliant coupling means" as used herein indicates any coupling means which physically secure the magnet and keeper together, but allow sufficient movement of the coupled components to permit them to be separated by hand and to be applied in overlapping relationship flatly against the opposite sides of a page disposed between them. In preferred embodiments the compliant coupling means comprise a short length of a pliable tape secured at its ends to the magnet and keeper respectively, but loose mechanical couplings or the like may also be used.

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By way of example, an embodiment of the above-described invention is described in more detail below with reference to the accompanying drawing, which is a perspective view of a book-mark according to the invention.

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The illustrated embodiment comprises a laminar permanent magnet 1, a keeper 2 identical to the magnet 1, compliant coupling means comprising a pliable textile tape 3 and self-adhesive plastics backing layers 4 and 5 applied to the magnet and keeper respectively, and a marker tail 6, being, in this instance, an integral extension of the tape 3.

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The backing layer 5 covers an end portion of the tape 3 and the layer 4 covers integrally united end portions of the tape 3 and tail 6. Thus the layers 4 and 5 serve to fasten the tape and tail to the magnet and keeper. Those layers 4 and 5 may be printed with an ornamental pattern or colour, or with identifying or advertising material if desired.

5 The magnet 1 and the keeper 2 each comprise a short
strip of a thermo-plastic material with embedded
permanently magnetised magnetic particles. Known strips of
that kind usually present a plurality of closely, and
equally, spaced linear magnetic poles extending
longitudinally (that is to from top to bottom as seen in
the drawing) of the strip. Adjacent poles are of opposite
polarity. Thus when the strips are applied to the opposite
sides of a page with a substantial area of overlap, then,
10 within the area of overlap, the pole patterns are
complementary, that is to say, within that area the north
poles of each naturally come into exact register with the
south poles of the other, and the two components are
strongly attracted towards each other.

15 In other less preferred embodiments the keeper may
merely be magnetisable rather than be a permanent magnet in
its own right. Also the magnet is not necessarily a filled
plastics strip, and may be any laminar magnet with poles
positioned on its face.

20 The illustrated embodiment may be used by applying the
magnet and keeper to an end page of a book and inserting
the tail 6 between the pages at the desired reference in
the same manner as is done when using prior known book-
marks comprising a tape bound into the spine of the book.
25 However the tail is not essential to the invention and a
book-mark the same as that illustrated but for the omission
of a tail, may be used by applying the magnet and keeper to
the page of the book at the desired reference point. On
the other hand, if desired, two or even more tails may be
30 provided.

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A book-mark comprising a laminar, permanent magnet, a laminar keeper and compliant coupling means to physically secure the magnet and keeper together but which allow sufficient movement of
5 the coupled magnet and keeper to permit them to be separated by hand and to be applied in overlapping relationship flatly against the opposite sides of a page disposed between them.
2. A book-mark according to claim 1 wherein the said keeper is itself a permanent magnet having a pole pattern complementary to that
10 of the first mentioned magnet.
3. A book-mark according to either claim 1 or claim 2 wherein said coupling means comprise a length of pliable tape extending from said first mentioned magnet to said keeper.
4. A book-mark according to any one of the preceding claims
15 further comprising a pliable tail.
5. A book-mark substantially as described herein with reference to the accompanying drawing.

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Date 27 May 1991

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